

Masaharu Munetomo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

267
citations

9
h-index

16
g-index

31
ext. papers

313
ext. citations

2.7
avg, IF

2.93
L-index

#	Paper	IF	Citations
28	GTOPX space mission benchmarks. <i>SoftwareX</i> , 2021 , 14, 100666	2.7	1
27	A Mixed-Integer Extension for ESA Cassini1 Space Mission Benchmark 2019 ,		3
26	Multi-objective Evolutionary optimization based on Decomposition with Linkage Identification considering monotonicity 2017 ,		2
25	Evaluation of Three Steady-State NSGA-III Offspring Selection Schemes for Many-Objective Optimization 2016 ,		1
24	Screening for FtsZ Dimerization Inhibitors Using Fluorescence Cross-Correlation Spectroscopy and Surface Resonance Plasmon Analysis. <i>PLoS ONE</i> , 2015 , 10, e0130933	3.7	9
23	An adaptive parameter binary-real coded genetic algorithm for constraint optimization problems: Performance analysis and estimation of optimal control parameters. <i>Information Sciences</i> , 2013 , 233, 54-86	7.7	30
22	arGA: Adaptive Resolution Micro-genetic Algorithm with Tabu Search to Solve MINLP Problems Using GPU. <i>Natural Computing Series</i> , 2013 , 83-104	2.5	1
21	Toward a Genetic Algorithm Based Flexible Approach for the Management of Virtualized Application Environments in Cloud Platforms 2012 ,		3
20	A GPU Accelerated Fragment-based De Novo Ligand Design by a Bayesian Optimization Algorithm. <i>IPSJ Transactions on Bioinformatics</i> , 2012 , 5, 7-17	1.3	
19	410 Study of a light-received system with configuration of a plant shoot. <i>The Proceedings of the Symposium on Environmental Engineering</i> , 2012 , 2012.22, 277-278	0	
18	A Framework for Cloud Embedded Web Services Utilized by Cloud Applications 2011 ,		1
17	An adaptive resolution hybrid binary-real coded genetic algorithm. <i>Artificial Life and Robotics</i> , 2011 , 16, 121-124	0.6	6
16	Realizing robust and scalable evolutionary algorithms toward exascale era 2011 ,		1
15	An improved binary-real coded genetic algorithm for real parameter optimization 2011 ,		7
14	Advanced genetic algorithm to solve MINLP problems over GPU 2011 ,		10
13	Optimization of parallel Genetic Algorithms for nVidia GPUs 2011 ,		10
12	Multi-Level Autonomic Architecture for the Management of Virtualized Application Environments in Cloud Platforms 2011 ,		4

11	A Bayesian Optimization Algorithm for De Novo ligand design based docking running over GPU 2010 ,		1
10	The design, usage, and performance of GridUFO: A Grid based Unified Framework for Optimization. <i>Future Generation Computer Systems</i> , 2010 , 26, 633-644	7.5	9
9	Hybrid of genetic algorithm and local search to solve MAX-SAT problem using nVidia CUDA framework. <i>Genetic Programming and Evolvable Machines</i> , 2009 , 10, 391-415	2	40
8	A Survey: Genetic Algorithms and the Fast Evolving World of Parallel Computing 2008 ,		16
7	A Network Design Problem by a GA with Linkage Identification and Recombination for Overlapping Building Blocks. <i>Studies in Computational Intelligence</i> , 2008 , 441-459	0.8	
6	Linkage Analysis in Genetic Algorithms. <i>Studies in Computational Intelligence</i> , 2008 , 251-279	0.8	5
5	Optimization problem solving framework employing GAs with linkage identification over a grid environment 2007 ,		3
4	Linkage identification by fitness difference clustering. <i>Evolutionary Computation</i> , 2006 , 14, 383-409	4.3	16
3	Population Sizing of Dependency Detection by Fitness Difference Classification. <i>Lecture Notes in Computer Science</i> , 2005 , 282-299	0.9	1
2	Linkage Identification by Nonlinearity Check for Real-Coded Genetic Algorithms. <i>Lecture Notes in Computer Science</i> , 2004 , 222-233	0.9	14
1	Linkage identification by non-monotonicity detection for overlapping functions. <i>Evolutionary Computation</i> , 1999 , 7, 377-98	4.3	73